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**Gilford's Improved Adjustable Mitre Box**

A mitre box, which embodies many interesting features from the standpoint of the carpenter, builder and cabinet maker, has just been introduced to the trade by F. E. Gilford & Son., 77 South Main street, Concord, N. H., and in Fig. 8 of the accompanying illustrations we show the mitre box with saw in position. The arrangement of parts is such that the operator is able to obtain any angle, from 0 to 75 degrees, and do it accurately and quickly. The

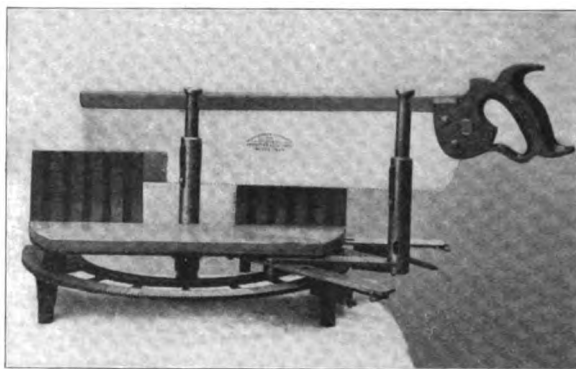


Fig. 8.—Gilford's Improved Adjustable Miter Box.

mitre box is equipped with stops for holding up the saw and gauges for sawing to different depths. The circle is notched and graduated every degree from 0 to 75. There are two sizes now manufactured, No. 3 being intended for a saw 22 x 4 in., and No. 4 for a saw 28 x 5 in. In order, for example, to obtain any known angle set the box at 45 degrees, then tighten the clamp and set to the angle desired. For unknown angles adjust the bevel square to the angle desired, then adjust square to the box, tighten the clamp and set the box at 45 degrees and the correct mitre is obtained. The mitre boxes are supplied by the manufacturers, regularly equipped with or without saws, as may be preferred, and are guaranteed to accomplish all that is claimed for them. Messrs. Gilford & Son have issued a very neat and attractive catalogue, in which the merits of the mitre boxes in question are set forth at some length, reference also being made to the combination hammers which are manufactured, and also to milling cutters. A copy of the catalogue can be secured by interested readers upon application to the address mentioned.

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**Gilford's Combination Hammer**

A tool which has been carefully designed to meet modern requirements is the new combination hammer illustrated in Fig. 9 of the accompanying engravings and manufactured by F. E. Gilford & Son, 77 South Main street, Concord, N. H. The hammer represents a combination of

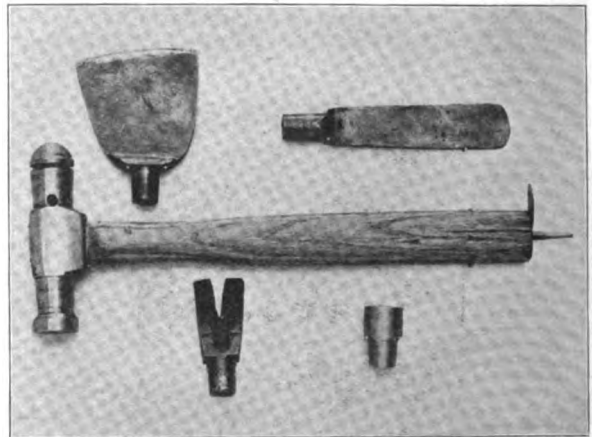


Fig. 9.—Gilford's Combination Hammer.

the features necessary to make it capable of answering the purpose of a number of tools in one. The arrangement of parts is such that whatever tool needed may be inserted in the shank tapered hole, be it claw, peen, ice-pick or hatchet. To remove the tools it is only necessary to take the pin from the handle, the pin being tapered, and drive it through the hole at the bottom of the shank. The illustration which we present herewith shows the nail-hammer, claw-hammer, ice-pick, copper hammer, hatchet and peen hammer. The tool is neatly finished, is readily adjusted, very compact and easily carried. It is referred to as being especially adapted for household use and sportsmen's outfits.